Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 1/52
For : INTER-DEVICE COMMUNICATION INTERFACE

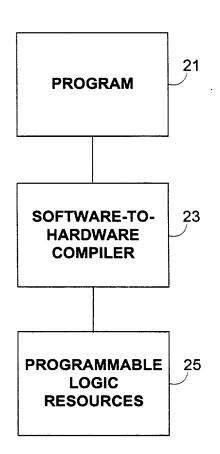


FIG. 1

Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 2/52
For : INTER-DEVICE COMMUNICATION INTERFACE

: Alexander Shvarts, Reg. No. 47,943

Agent

PROGRAM

SOFTWARE
CONSTRUCTS

HARDWARE
CONSTRUCTS,
CODES, TAGS, ETC.

FIG. 2 (PRIOR ART)

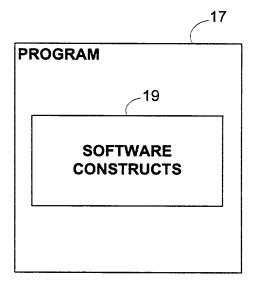


FIG. 3

Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 3/52
For : INTER-DEVICE COMMUNICATION INTERFACE
Agent : Alexander Shvarts, Reg. No. 47,943

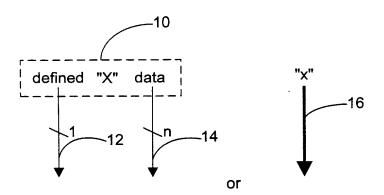


FIG. 4

: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 4/52 : INTER-DEVICE COMMUNICATION INTERFACE : Alexander Shvarts, Reg. No. 47,943 Applicant For

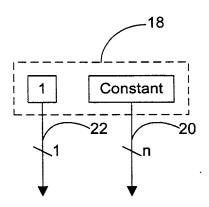


FIG. 5

Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 5/52
For : INTER-DEVICE COMMUNICATION INTERFACE
Agent : Alexander Shvarts, Reg. No. 47,943

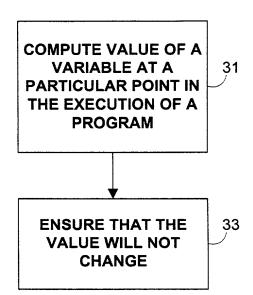


FIG. 6

Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 6/52
For : INTER-DEVICE COMMUNICATION INTERFACE

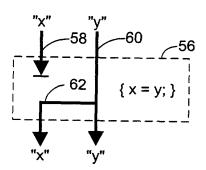
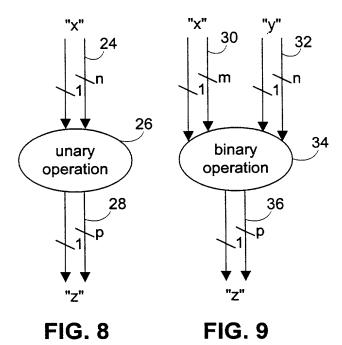


FIG. 7

Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 7/ 52
For : INTER-DEVICE COMMUNICATION INTERFACE



: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 8/52 : INTER-DEVICE COMMUNICATION INTERFACE : Alexander Shvarts, Reg. No. 47,943 Applicant Filed For

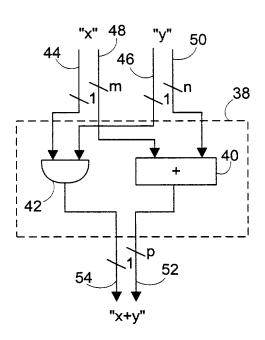


FIG. 10

Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 9/ 52
For : INTER-DEVICE COMMUNICATION INTERFACE

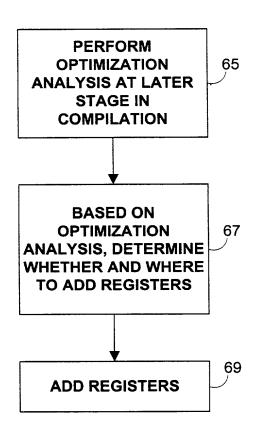


FIG. 11

: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 10/ 52 : INTER-DEVICE COMMUNICATION INTERFACE Applicant Filed For

: Alexander Shvarts, Reg. No. 47,943 Agent

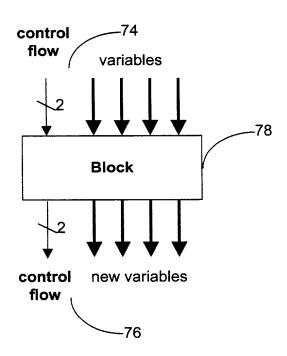


FIG. 12

Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 11/52
For : INTER-DEVICE COMMUNICATION INTERFACE
Agent : Alexander Shvarts, Reg. No. 47,943

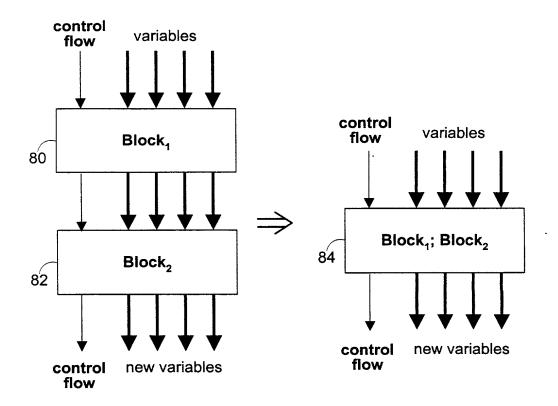


FIG. 13

Agent : Alexander Shvarts, Reg. No. 47,943

86 88 -90 conditional conditional then-part else-part clock cycles clock cycles 96 then-98 only one of these elsepart 92 gets executed part <sup>(</sup>100 throw-away

results from one

FIG. 14

-94

1

: Paul Metzgen Docket No.: 174/221 Applicant Filed : Concurrently Herewith Sheet 13/52 : INTER-DEVICE COMMUNICATION INTERFACE For : Alexander Shvarts, Reg. No. 47,943

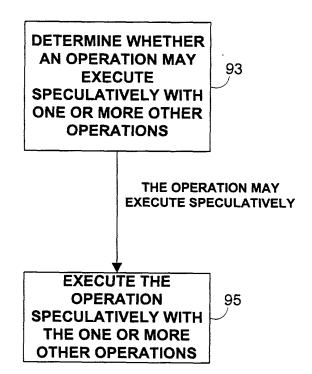


FIG. 15

The first black that the transfer or the contract or the contract or the contract of the contr

: Paul Metzgen

Docket No.: 174/221 : Concurrently Herewith Sheet 14/52

: INTER-DEVICE COMMUNICATION INTERFACE : Alexander Shvarts, Reg. No. 47,943 Agent

<u>72</u>

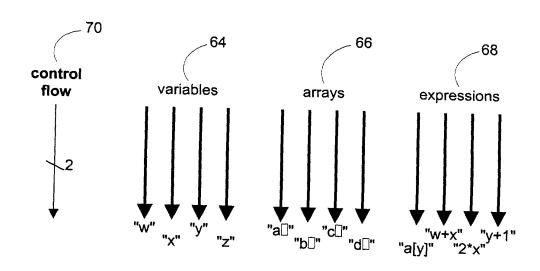


FIG. 16

Docket No.: 174/221 Sheet 15/ 52 : Paul Metzgen Applicant : Concurrently Herewith Sheet 15 : INTER-DEVICE COMMUNICATION INTERFACE : Alexander Shvarts, Reg. No. 47,943 Filed For

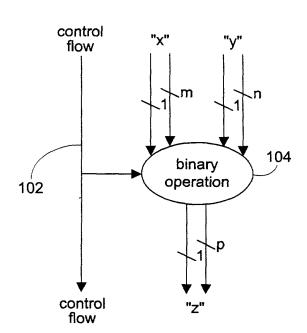


FIG. 17

Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 16/52
For : INTER-DEVICE COMMUNICATION INTERFACE

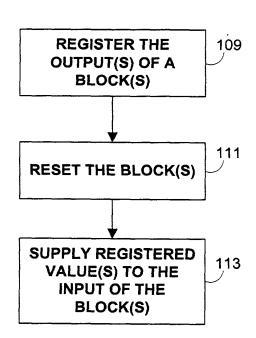


FIG. 18

Docket No.: 174/221 Applicant : Paul Metzgen Sheet 17/52 : Concurrently Herewith Filed : INTER-DEVICE COMMUNICATION INTERFACE : Alexander Shvarts, Reg. No. 47,943 For

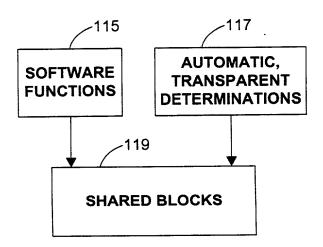


FIG. 19

Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 18/ 52
For : INTER-DEVICE COMMUNICATION INTERFACE

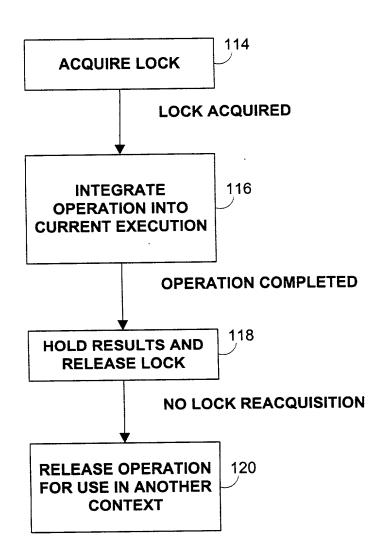


FIG. 20

: Concurrently Herewith Sheet 19/52 : INTER-DEVICE COMMUNICATION INTERFACE

For : INTER-DEVICE COMMUNICATION IN Agent : Alexander Shvarts, Reg. No. 47,943

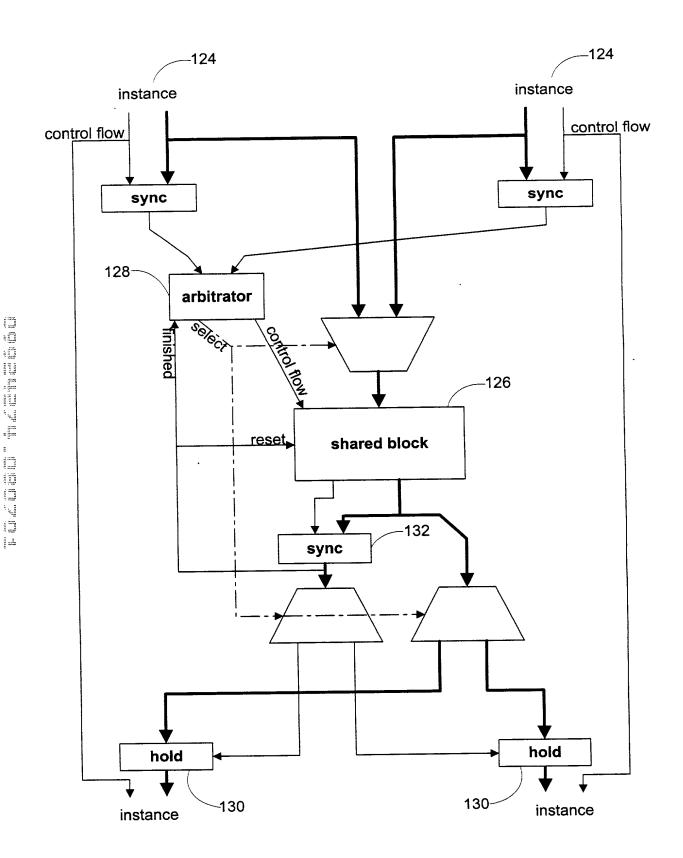


FIG. 21

Docket No.: 174/221 Sheet 20/ 52 : Paul Metzgen Applicant : Concurrently Herewith Sheet 20 : INTER-DEVICE COMMUNICATION INTERFACE : Alexander Shvarts, Reg. No. 47,943 Filed For

Agent

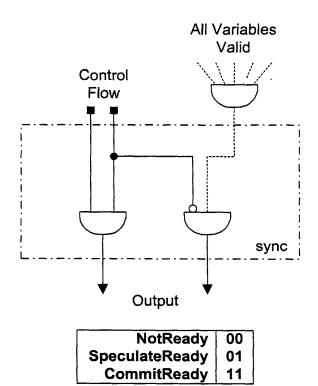


FIG. 22

11

Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 21/52
For : INTER-DEVICE COMMUNICATION INTERFACE

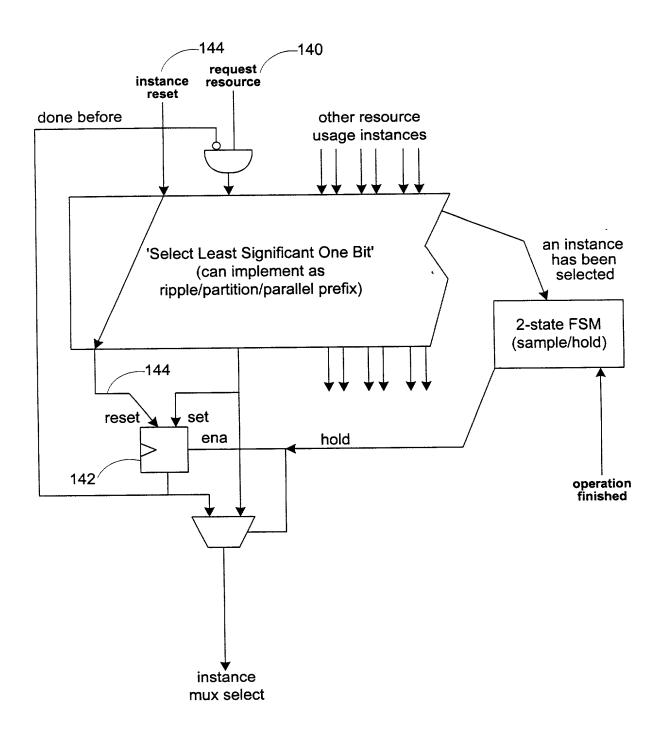


FIG. 23

Applicant : Paul Metzgen Filed

Docket No.: 174/221 : Concurrently Herewith Sheet 22/52 : INTER-DEVICE COMMUNICATION INTERFACE

For : Alexander Shvarts, Reg. No. 47,943 Agent

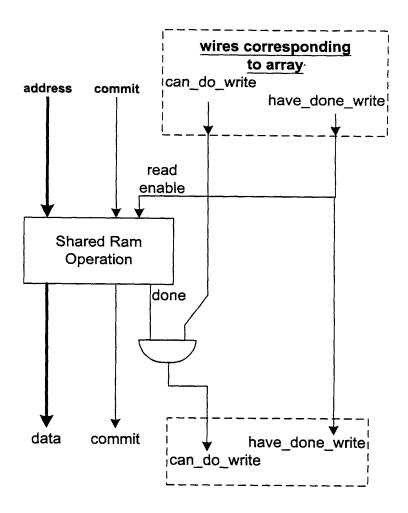


FIG. 24

Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 23/52
For : INTER-DEVICE COMMUNICATION INTERFACE

For : INTER-DEVICE COMMUNICATION IN Agent : Alexander Shvarts, Reg. No. 47,943

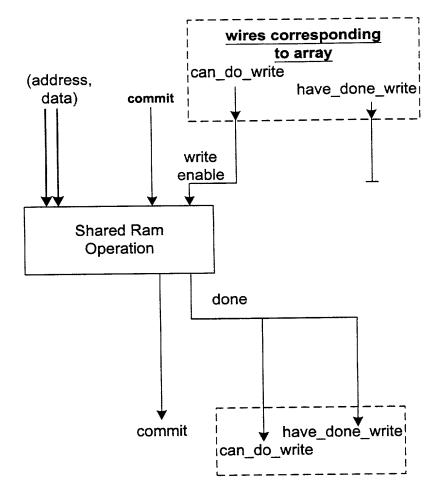


FIG. 25

Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 24/52
For : INTER-DEVICE COMMUNICATION INTERFACE

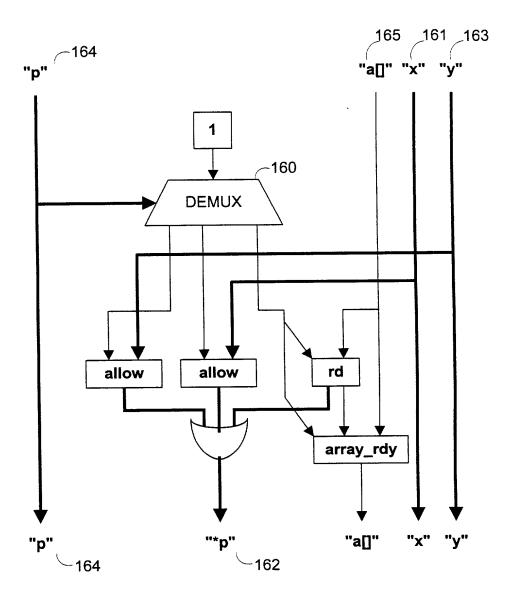


FIG. 26

Docket No.: 174/221 Sheet 25/52

: INTER-DEVICE COMMUNICATION INTERFACE For

: Alexander Shvarts, Reg. No. 47,943 Agent

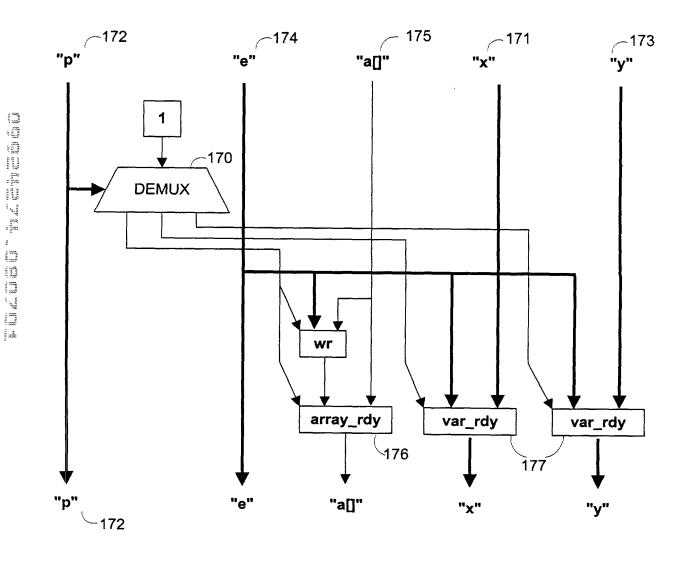


FIG. 27

Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 26/52
For : INTER-DEVICE COMMUNICATION INTERFACE

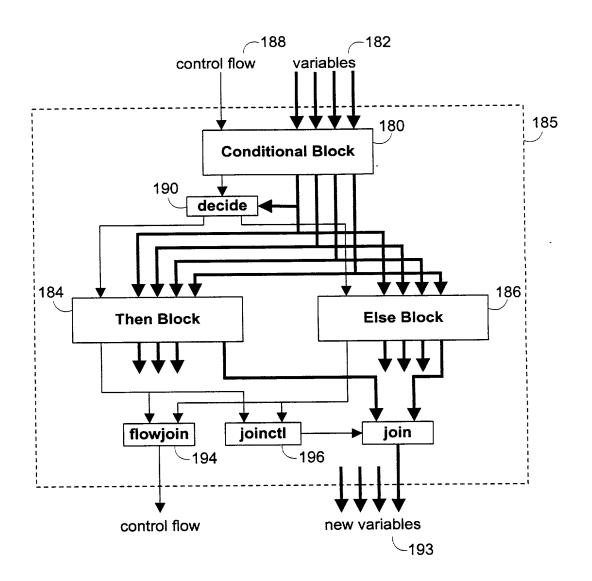


FIG. 28

Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 27/52
For : INTER-DEVICE COMMUNICATION INTERFACE

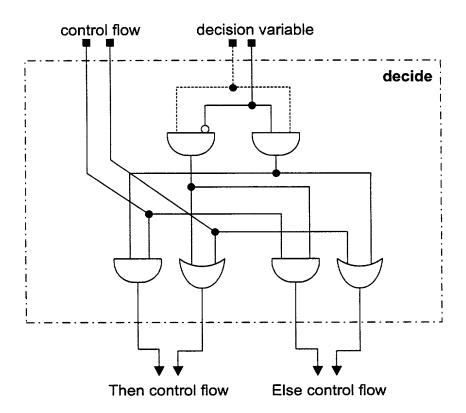
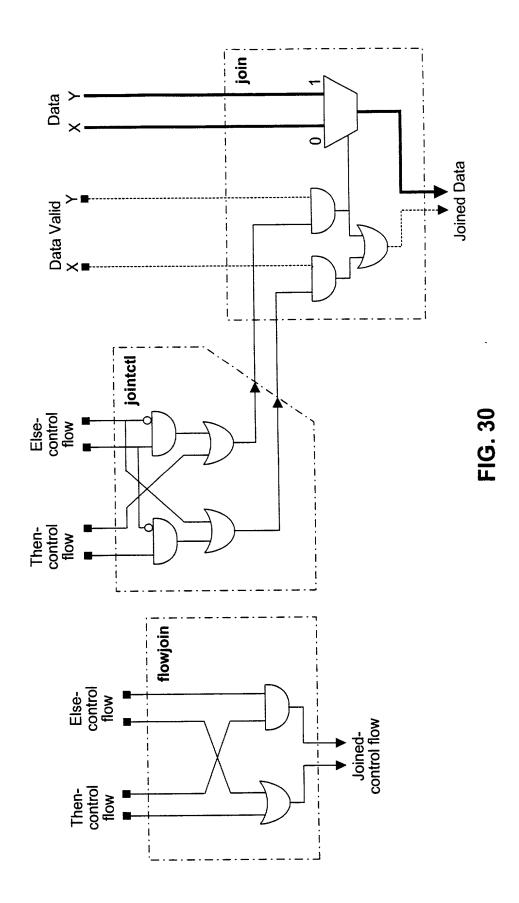
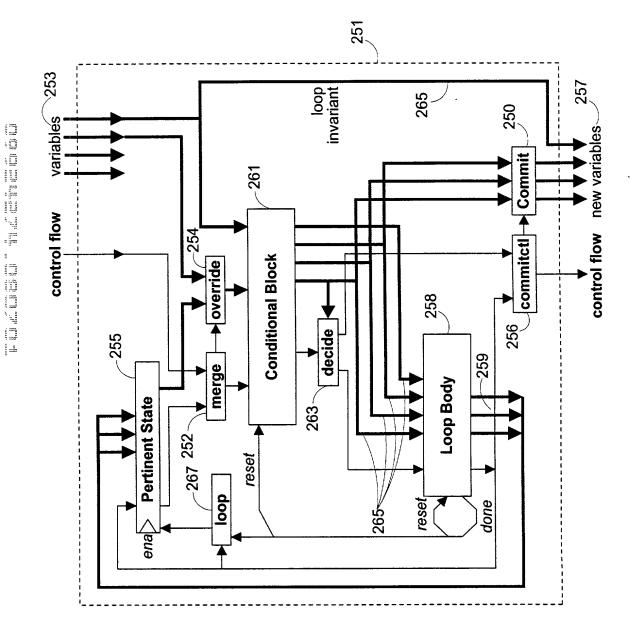


FIG. 29

Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 28/52
For : INTER-DEVICE COMMUNICATION INTERFACE
Agent : Alexander Shvarts, Reg. No. 47,943



: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 29/52 : INTER-DEVICE COMMUNICATION INTERFACE : Alexander Shvarts, Reg. No. 47,943



: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 30/52 : INTER-DEVICE COMMUNICATION INTERFACE : Alexander Shvarts, Reg. No. 47,943 Applicant Filed For Agent

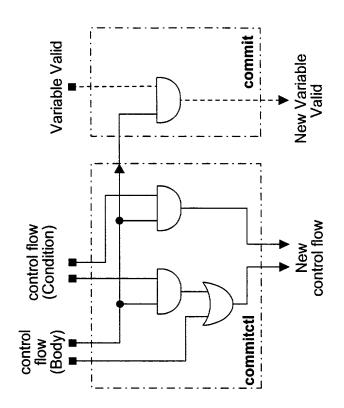
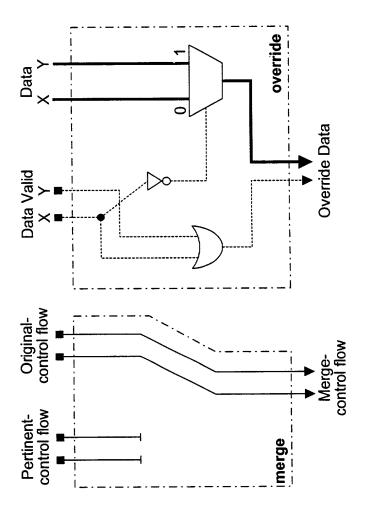
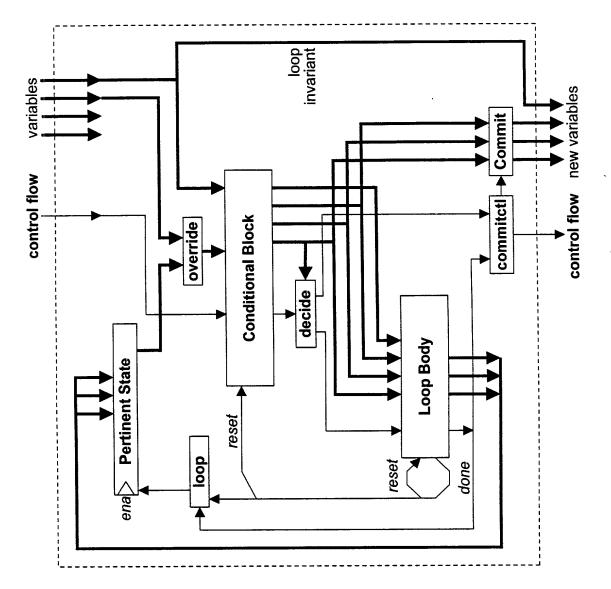


FIG. 32

: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 31/52 : INTER-DEVICE COMMUNICATION INTERFACE : Alexander Shvarts, Reg. No. 47,943 Applicant Filed For Agent



: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 32/52 : INTER-DEVICE COMMUNICATION INTERFACE : Alexander Shvarts, Reg. No. 47,943 Applicant Filed For



Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 33/52
For : INTER-DEVICE COMMUNICATION INTERFACE

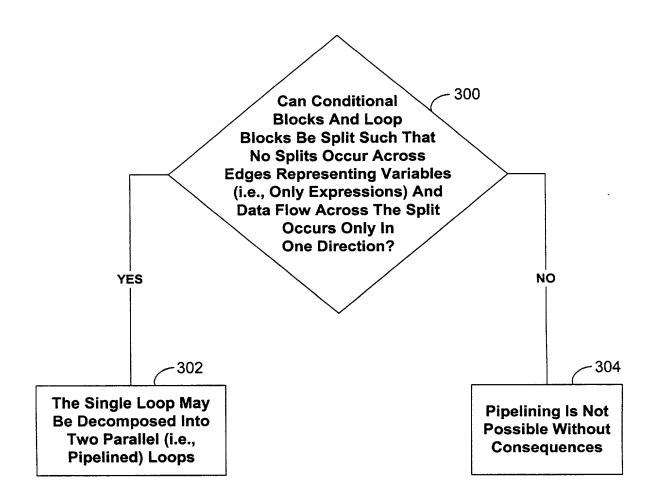
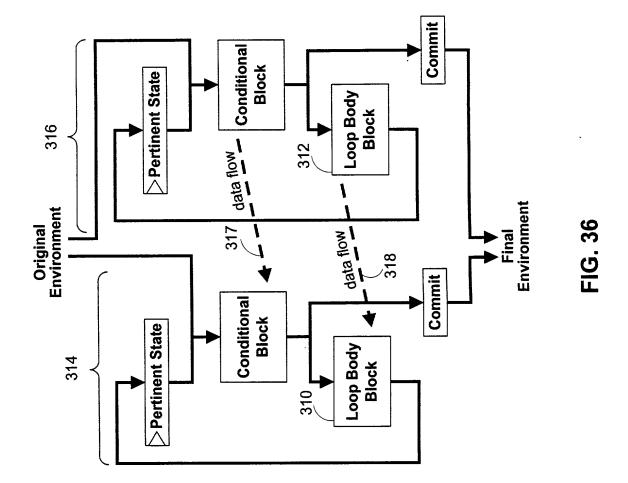
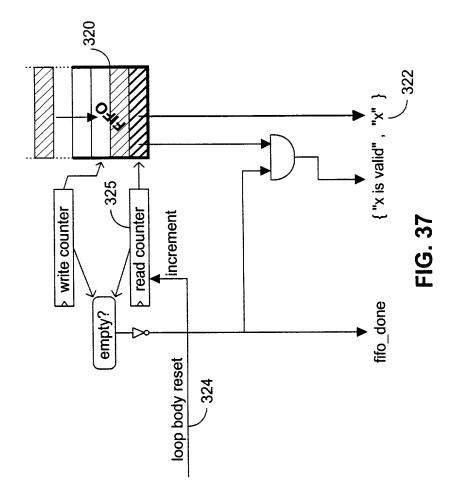


FIG. 35

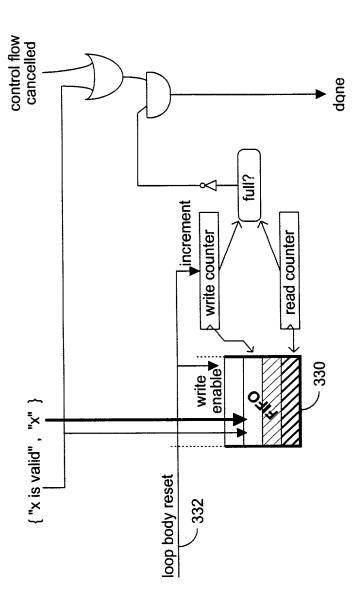
: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 34/52 : INTER-DEVICE COMMUNICATION INTERFACE Applicant Filed



: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 35/52 : INTER-DEVICE COMMUNICATION INTERFACE : Alexander Shvarts, Reg. No. 47,943 Applicant Filed For Agent

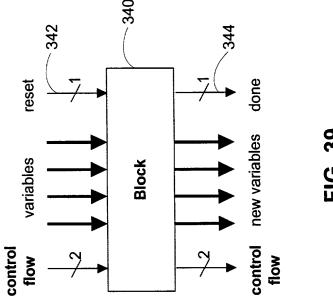


: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 36/52 : INTER-DEVICE COMMUNICATION INTERFACE : Alexander Shvarts, Reg. No. 47,943 Applicant Filed For : Paul Metzgen



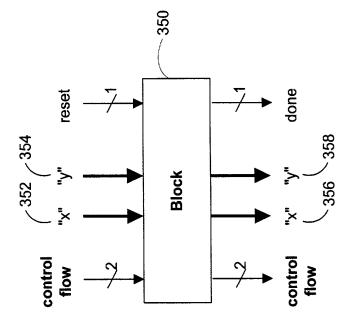
: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 37/52 : INTER-DEVICE COMMUNICATION INTERFACE : Alexander Shvarts, Reg. No. 47,943 Applicant Filed For

Agent



: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 38/52 : INTER-DEVICE COMMUNICATION INTERFACE : Alexander Shvarts, Reg. No. 47,943 Applicant Filed

For Agent

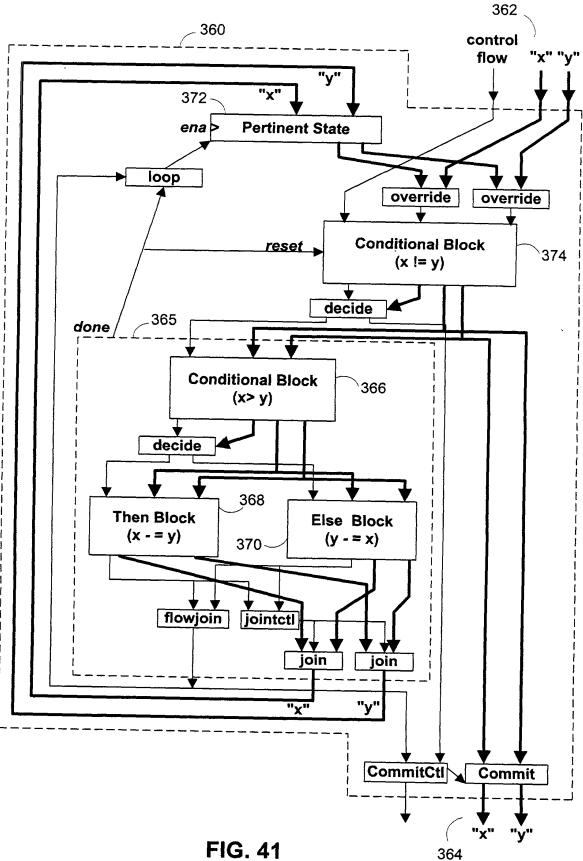


The limit of the l

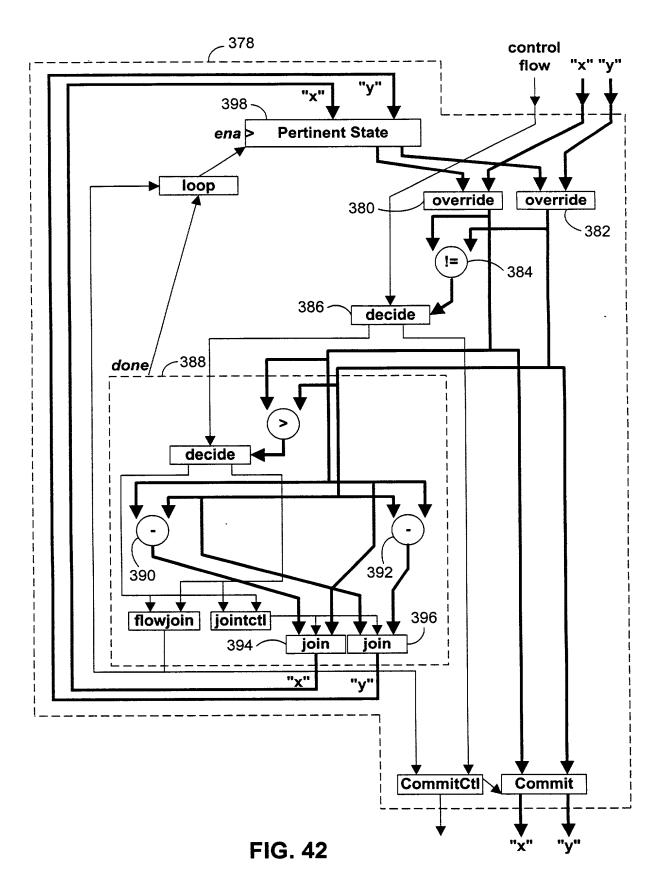
Applicant : Paul Metzgen : Concurrently Herewith : INTER-DEVICE COMMUNICATION INTERFACE

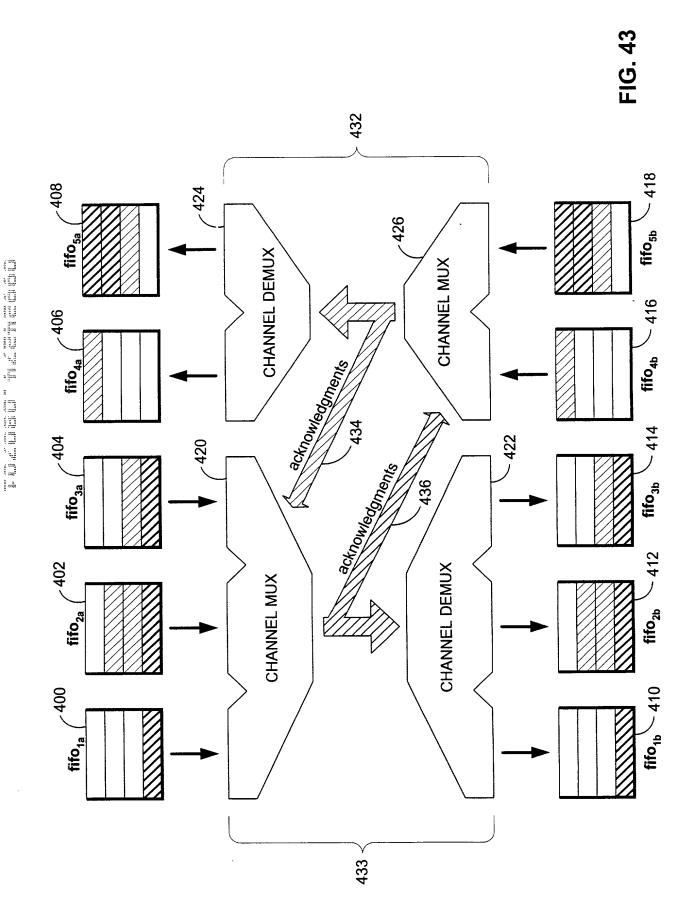
Filed

For Agent Docket No.: 174/221 Sheet 39/52



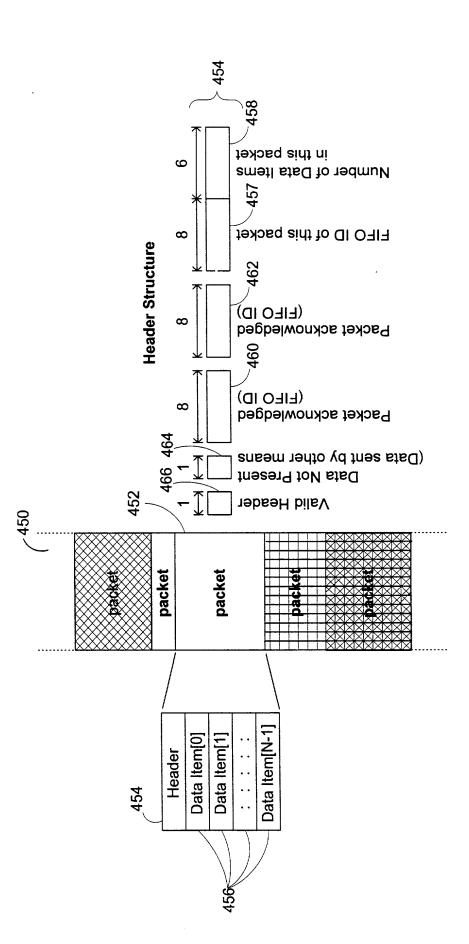
Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 40/52
For : INTER-DEVICE COMMUNICATION INTERFACE



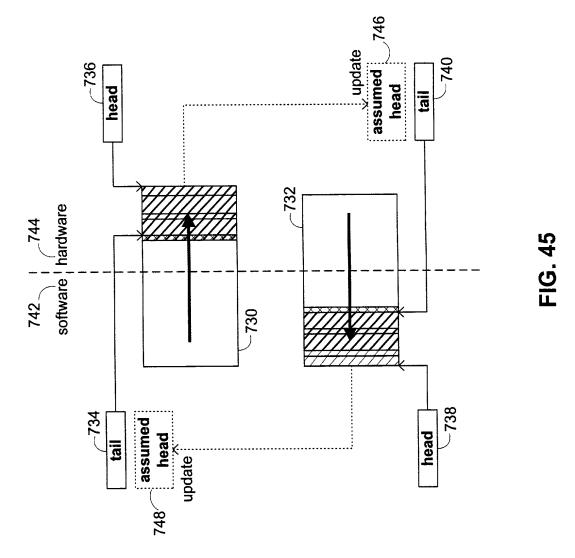


Docket No.: 174/221 Sheet 42/ 52 Applicant : Paul Metzgen : Concurrently Herewith Filed : INTER-DEVICE COMMUNICATION INTERFACE For : Alexander Shvarts, Reg. No. 47,943

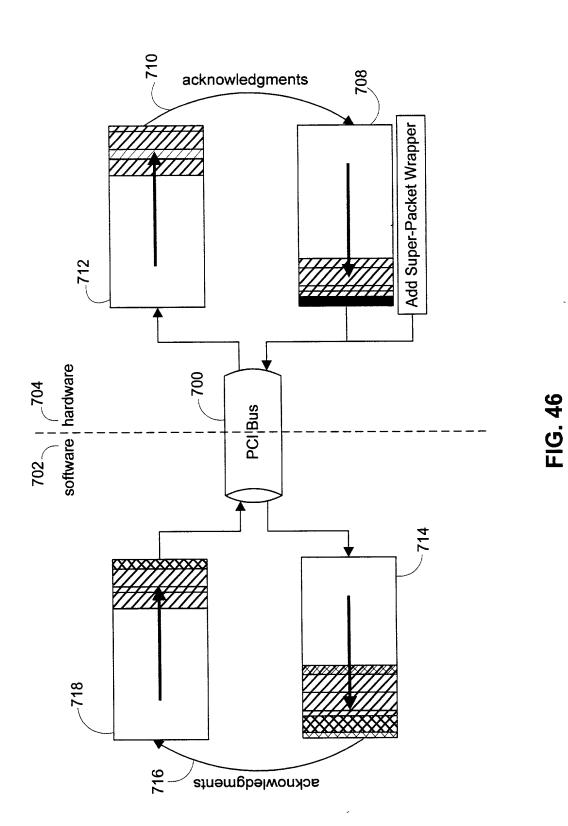
Agent



: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 43/ 52 : INTER-DEVICE COMMUNICATION INTERFACE : Alexander Shvarts, Reg. No. 47,943 Applicant Filed For Agent

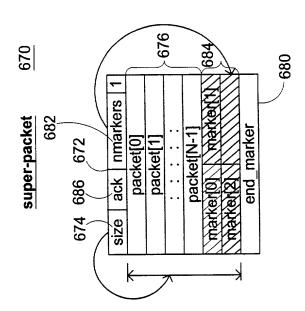


Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 44/52
For : INTER-DEVICE COMMUNICATION INTERFACE

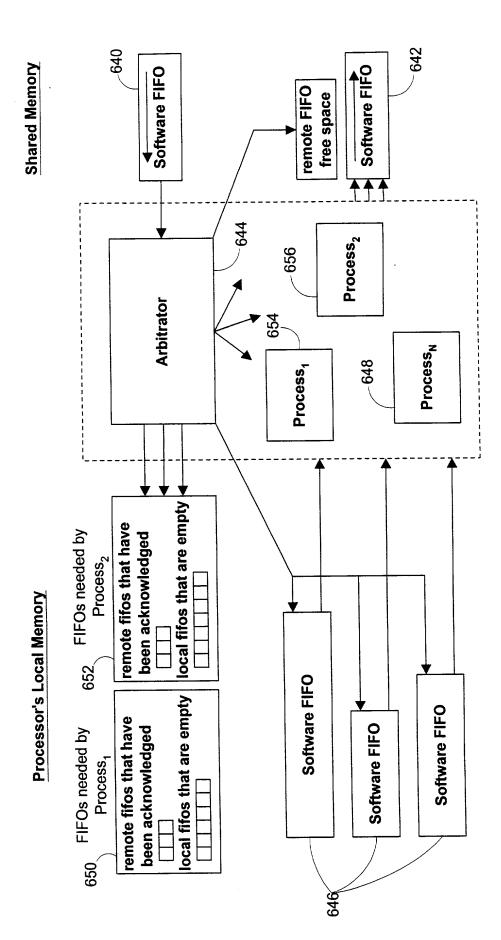


: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 45/52 : INTER-DEVICE COMMUNICATION INTERFACE : Alexander Shvarts, Reg. No. 47,943 Applicant Filed For

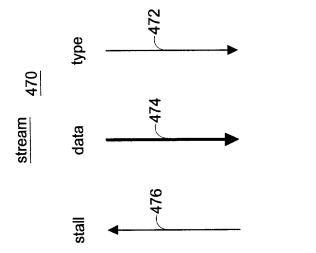
Agent



: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 46/52 : INTER-DEVICE COMMUNICATION INTERFACE : Paul Metzgen : Concurrently Herewith Applicant For Agent

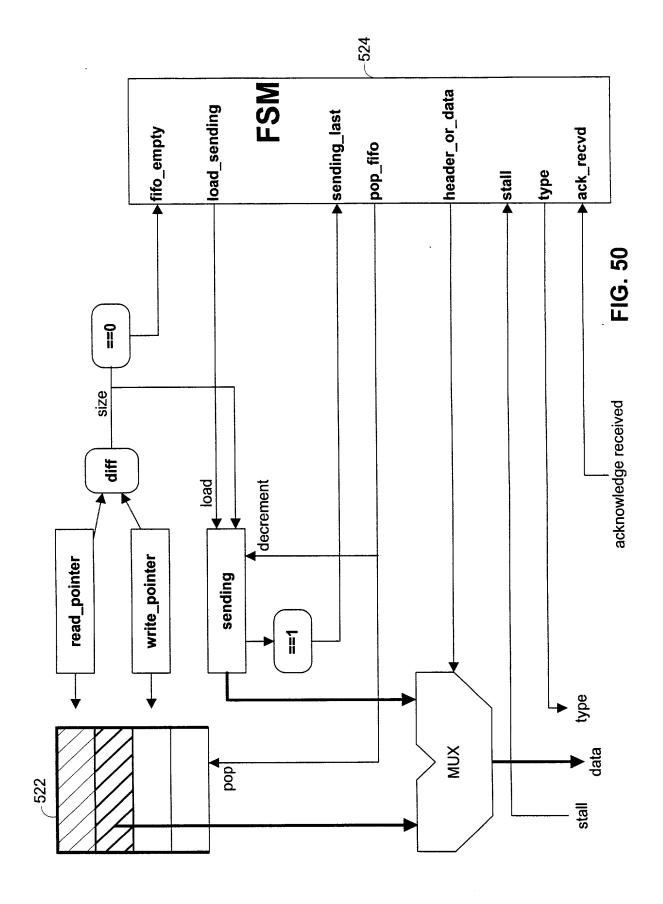


: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 47/ 52 : INTER-DEVICE COMMUNICATION INTERFACE : Alexander Shvarts, Reg. No. 47,943 Applicant Filed For Agent

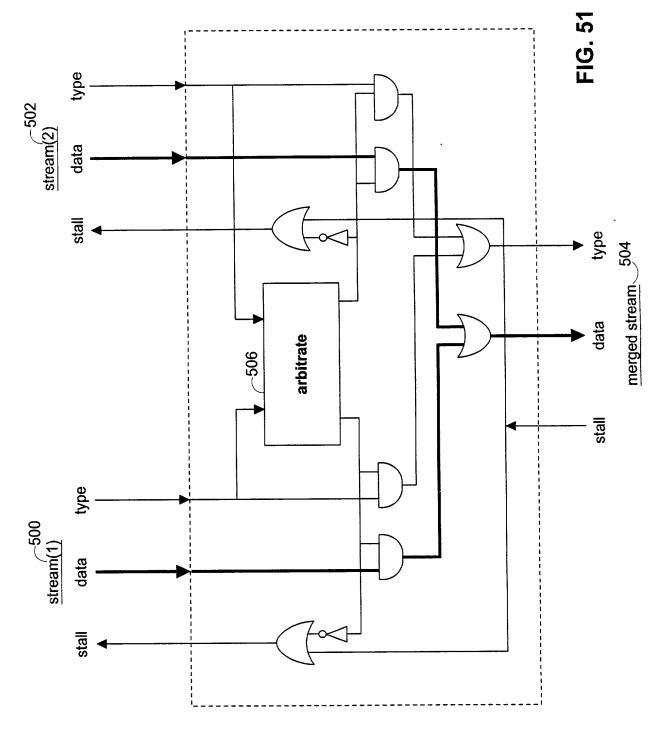


Applicant Filed For Agent

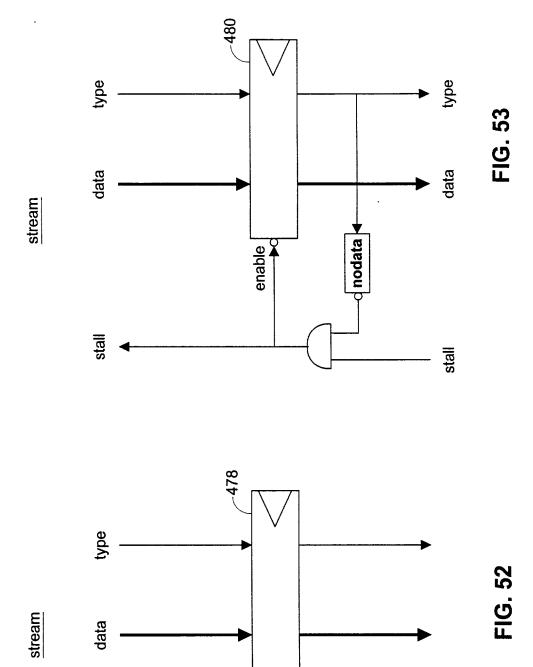
: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 48/52 : INTER-DEVICE COMMUNICATION INTERFACE



: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 49/ 52 : INTER-DEVICE COMMUNICATION INTERFACE : Alexander Shvarts, Reg. No. 47,943 Applicant Filed For Agent



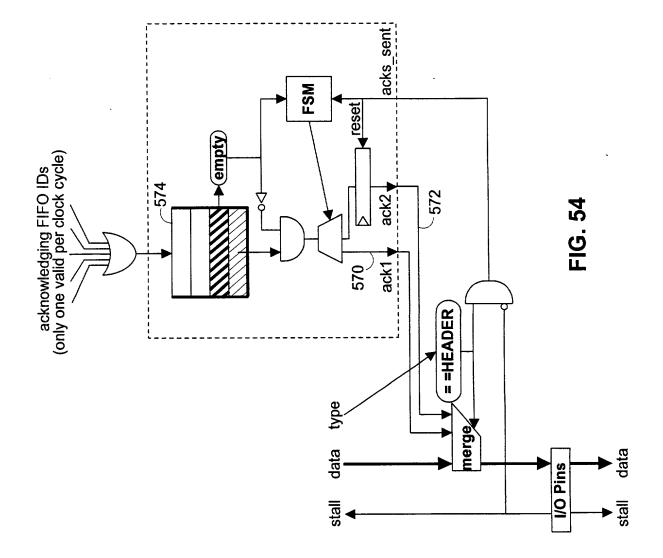
Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 50/ 52
For : INTER-DEVICE COMMUNICATION INTERFACE
Agent : Alexander Shvarts, Reg. No. 47,943



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: Paul Metzgen Docket No.: 174/221 : Concurrently Herewith Sheet 51/52 : INTER-DEVICE COMMUNICATION INTERFACE Applicant Filed For Agent



Applicant : Paul Metzgen Docket No.: 174/221
Filed : Concurrently Herewith Sheet 52/52
For : INTER-DEVICE COMMUNICATION INTERFACE

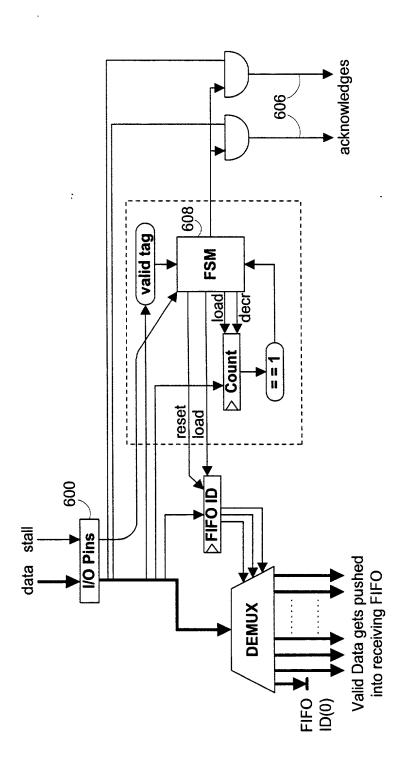


FIG. 59